

# Safety Data Sheet

## MAGNAFLOC® E40S

Revision date : 2010/05/12

Version: 1.1

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(30474770/SDU\_GEN\_US/EN)

### 1. Product and Company Identification

Company  
BASF CORPORATION  
100 Campus Drive  
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information  
CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP

Registrant:

### 2. Hazards Identification

#### Emergency overview

Signal word: CAUTION: !  
Colour: white  
Appearance: liquid  
State of matter: liquid  
Odour: mild  
Health: Contains petroleum distillates and prolonged contact with mists may cause skin, eye and respiratory tract irritation. Continued overexposure may cause headache and dizziness. Ingestion may cause lung complications., Possible reproductive effects., Aspiration hazard, Repeated skin exposure may cause contact dermatitis  
Physical/Chemical hazards: Spills are very slippery.

#### Potential health effects

##### **Primary routes of entry:**

Skin, Eyes, Inhalation, Ingestion

### 3. Composition/Information on Ingredients

<u>Chemical name</u>	<u>CAS Number</u>	<u>Content (Weight)</u>	<u>Hazardous</u>
Distillates (petroleum), hydrotreated light	64742-47-8	20.0 - 30.0 %	Y
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	1.0 - 3.0 %	Y
Alcohols, C12-16, ethoxylated	68551-12-2	1.0 - 3.0 %	Y

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This material is classified as hazardous under OSHA regulations.

### 4. First-aid Measures

#### Inhalation:

Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

#### Skin:

After contact with skin, wash immediately with plenty of water and soap.

Get medical attention if irritation occurs.

If clothing is contaminated, remove and launder before reuse.

#### Eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

Seek medical attention.

#### Ingestion:

Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.

#### Notes to physician:

Treat symptomatically.

### 5. Fire-fighting Measures

#### Suitable extinguishing media:

carbon dioxide, dry powder, foam, water fog

#### Hazardous combustion products:

Carbon and nitrogen oxides.

#### Hazards during fire-fighting:

Flammable vapor/air mixture on heating.

Spills can cause very slippery conditions on floors.

Restrict pedestrian and vehicular traffic in areas where slip hazard may exist.

#### Protective equipment for fire-fighting:

Wear self-contained breathing apparatus and chemical-protective clothing.

### 6. Accidental Release Measures

#### Cleanup:

Pick up with inert absorbent material (e.g. sand, earth etc.).

Place into approved waste containers.

Wear suitable protective equipment.

Should not be released into the environment.

#### Further information:

Spills are very slippery. Restrict pedestrian and vehicular traffic in area of spill until spill is thoroughly cleaned up.

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### 7. Handling and Storage

#### Handling

##### **General advice:**

As with all industrial chemicals, use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale. Do not taste or swallow. Use only with adequate ventilation.

#### Storage

##### **General advice:**

Keep container tightly closed in a dry, cool and well-ventilated place.  
Avoid extremes of temperature.  
Store between 10 - 40 °C (50 - 104 °F).  
Do not store in mild steel containers.  
FROST SENSITIVE PRODUCT

> for industrial use only <

### 8. Exposure Controls and Personal Protection

#### Exposure Guidelines

Distillates (petroleum), hydrotreated light (64742-47-8)	ACGIH	200 mg/m3
		TWA: 200 mg/m3 Non-aerosol (as total hydrocarbon vapor) P: Application restricted to conditions in which there are negligible aerosol exposures.
		SKIN_DES: Non-aerosol (as total hydrocarbon vapor) Can be absorbed through the skin

##### **Engineering Controls:**

Work in well ventilated areas. Do not breathe vapors or mist.  
Ensure good ventilation and local exhaust.

#### Personal protective equipment

##### **Respiratory protection:**

Wear a NIOSH-certified respirator as necessary.

##### **Eye protection:**

Tightly fitting safety goggles (splash goggles) (EN 166)

##### **Body protection:**

Wear chemical resistant gloves and protective clothing.

##### **General safety and hygiene measures:**

Eye wash station and safety shower should be available in immediate work area., Select additional protective equipment based upon potential for exposure.

### 9. Physical and Chemical Properties

Colour: white  
Form: liquid

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State of matter:	liquid	
Odour:	mild	
pH value:		not determined
Evaporation rate:		no data available
Flammability:	no data available	
Lower explosion limit:		no data available
Upper explosion limit:		no data available
Flash point:	> 93 °C	
Self-ignition temperature:		no data available
Freezing point:	-15 °C	
Boiling point:	100 °C	
Sublimation point:		Not applicable
Vapour pressure:		no data available
Density:		no data available
Relative density:	1.07	( 25 °C)
Vapour density:		no data available
Partitioning coefficient n-octanol/water (log Pow):		no data available
Viscosity, dynamic:		no data available
Viscosity, kinematic:		no data available
% Volatiles:		not determined
Solubility in water:		soluble, Forms a viscous solution
Solubility in other solvents:		no data available
Autoignition:		no data available
Decomposition temperature:		no data available

## 10. Stability and Reactivity

### Stability:

Stable

**Conditions to avoid:** Avoid temperature extremes.

**Substances to avoid:** Strong oxidizing agents., (may degrade polymer)

**Possibility of Hazardous Reactions:** No hazardous reactions known.

**Hazardous decomposition products:** No decomposition expected under normal storage conditions.

## 11. Toxicological Information

### Acute oral toxicity:

not determined

### Acute inhalation toxicity:

not determined

### Acute dermal toxicity:

not determined

### Skin irritation:

not determined

### Eye irritation:

not determined

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**Skin Sensitization:**

not determined

**Chronic toxicity:**

Contains component(s) at greater than 1% which is a suspected endocrine disruptor.

**Subchronic Toxicity:**

not determined

**Subacute Toxicity:**

not determined

**Genetic toxicity:**

not determined

**Carcinogenicity:**

None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

**Reproductive toxicity:**

Contains component(s) at greater than 1% which is known to cause reproductive effects.

**Developmental toxicity/teratogenicity:**

Contains component(s) at greater than 1% which is known to cause teratogenic effects.

## 12. Ecological Information

**Toxicity to fish:**

not determined

**Toxicity to aquatic invertebrates:**

not determined

**Toxicity to aquatic plants:**

not determined

**Mobility**

no data available

**Bioaccumulation:**

no data available

**Other ecotoxicological advice:**

No data available. Prevent spills from entering drains or waterways.

## 13. Disposal Considerations

**Waste disposal of substance:**

Dispose of in accordance with national, state and local regulations.

**Resource Conservation and Recovery Act (RCRA):** Not a hazardous waste under RCRA (40 CFR 261).

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### 14. Transport Information

#### U.S. Department of Transportation

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

#### **Road transport:**

Special shipping information: Not classified as a dangerous good under transport regulations.

DOT (Bulk) Oil Statement: This product is considered to be an oil per the definitions in 49 CFR 130.2. If packed in a container with a capacity of 3,500 gallons or more, the Communication Requirements at 49 CFR 130.11 and the Response Plan Requirements at 49 CFR 130.31 and 130.33 apply to Domestic transportation by motor vehicles and rolling stock. Notification of releases to the National Response Center (NRC), 800-424-8802, may be necessary. In the Washington, DC metropolitan area, call 202-426-2675.

#### **Air transport:**

Special shipping information: Not classified as a dangerous good under transport regulations.

#### International Air Transport Association (IATA)

Special shipping information: Not classified as a dangerous good under transport regulations.

#### International Maritime Dangerous Goods Code (IMDG)

Special shipping information: Not classified as a dangerous good under transport regulations.

### 15. Regulatory Information

US: Toxic Substances Control Act (TSCA):	All component(s) comprising this product are either exempt or listed on the TSCA inventory
Canada: Domestic Substances List (DSL):	All components either exempt or listed on the DSL

#### United States - Regulations

#### **SARA Section 311/312 Hazard Communication Standard:**

Acute Health:	Y	Fire:	N
Chronic Health:	Y	Reactivity:	N
		Sudden release of pressure:	N

#### **SARA Section 313 Toxic Chemical List:**

This product does not contain any components reportable under Sec 313 (40 CFR 372).

#### **OSHA hazard category:**

This material is classified as hazardous under OSHA regulations.

#### **Toxic Substances Control Act (TSCA) Significant New Use Rule (SNUR):**

This product is not subject to a Significant New Use Rule (SNUR).

#### **Toxic Substances Control Act (TSCA) Section 5(e) Consent Orders:**

This product is not subject to a Section 5(e) Consent Order.

#### **Toxic Substances Control Act (TSCA) Section 5(f):**

This product is not subject to a Section 5(f)/6(a) rule.

#### **Toxic Substances Control Act (TSCA) Section 12(b) Export Notification:**

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No components listed.

### Clean Air Act - Hazardous Air Pollutants (HAP):

<u>Chemical name</u>	<u>CAS Number</u>	<u>Notification</u>
2-Propenamide	79-06-1	Listed

### Clean Air Act 602 - Ozone Depleting Substances (ODS):

This product neither contains, nor was manufactured with, a Class I or Class II ozone depleting substance (ODS), as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).

### Clean Water Act - Priority Pollutants (PP):

This product does not contain any priority pollutants listed under the U.S. Clean Water Act Section 307(2)(1) Priority Pollutant List (40 CFR 401.15).

### Pennsylvania Right to Know:

<u>Chemical name</u>	<u>CAS Number</u>	<u>Notification</u>
2-Propenamide	79-06-1	Environmental hazard
2-Propenamide	79-06-1	Listed

### California Proposition 65 - Chemicals Known to the State to Cause Cancer:

<u>Chemical name</u>	<u>CAS Number</u>	<u>Notification</u>
2-Propenamide	79-06-1	Carcinogenic.

WARNING: This product contains a chemical known to the State of California to cause cancer.

### International Regulations

#### Chemical Weapons Convention:

This product does not contain any component(s) listed under the Chemical Weapons Convention Schedule of Chemicals.

## 16. Other Information

MAGNAFLOC® E40S is a registered trademark of BASF Corporation or BASF SE. IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

Due to the merger of CIBA and BASF Group all Material Safety Data Sheets have been reassessed on the basis of consolidated information. This may have resulted in changes of the Material Safety Data Sheets. In case you have questions concerning such changes please contact us at the address mentioned in Section I.

END OF DATA SHEET